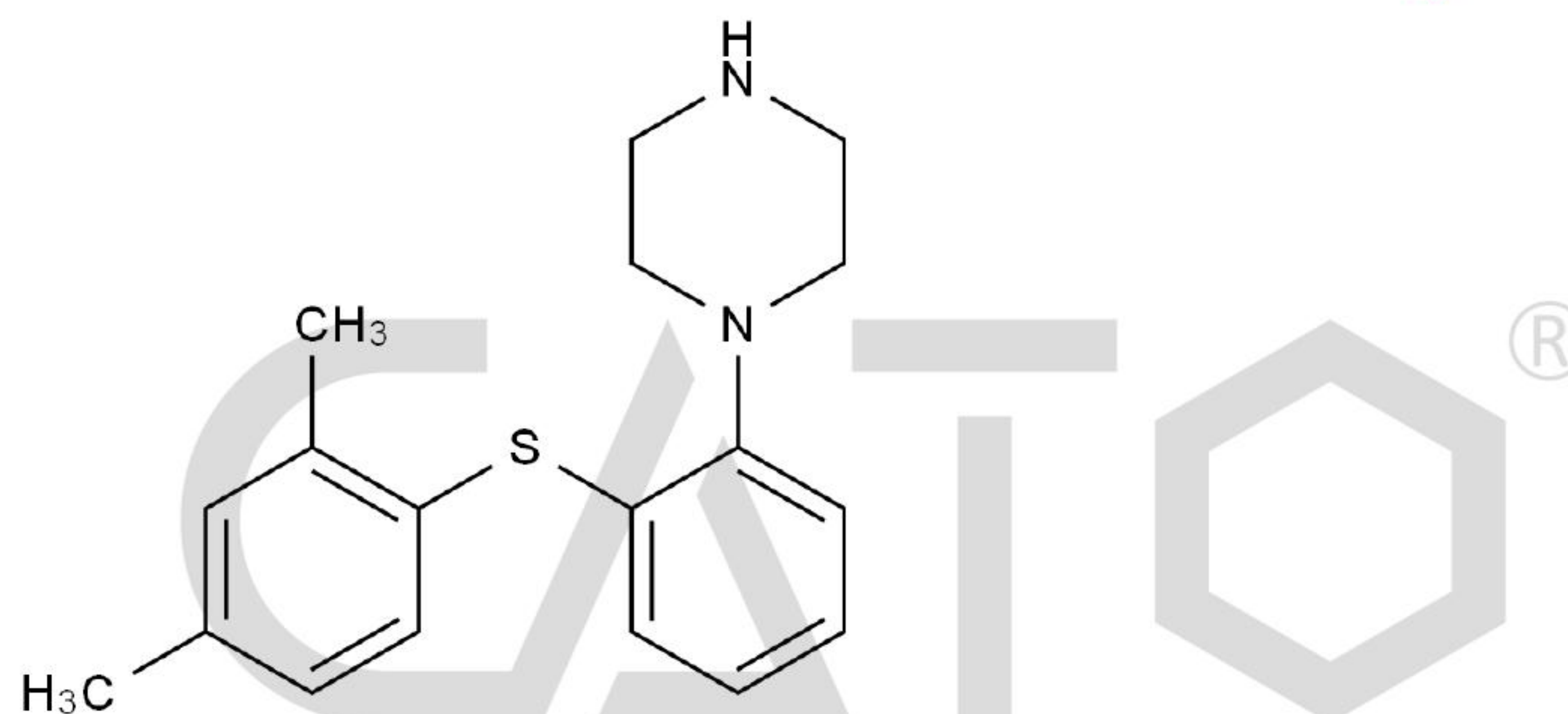


Certificate of Analysis

Reference Material & Standard

Product Name:	Vortioxetine	Catalogue Number:	C4X-1056
Synonyms:	N/A	Lot Number:	1118-RG-0050
CAS Number:	508233-74-7	Expiry Date:	Nov 20, 2029
Molecular Formula:	C ₁₈ H ₂₂ N ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	298.45	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.7809%
Loss On Drying	TGA	0.1244%
Assay		99.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 21, 2025

Date: Nov 21, 2025

Date: Nov 21, 2025



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